

# Converting Colors

Decimal(8867966)

Have a look what the booklet for  
Decimal(8867966) contains.

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**Color**

**Decimal(8867966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87507E
RGB	135, 80, 126
RGB Percent	53%, 31%, 49%
CMY	0.4706, 0.6863, 0.5059
CMYK	0.00, 0.41, 0.07, 0.47
HSL	310°, 26%, 42%
HSV	310°, 41%, 53%
XYZ	16.6262, 12.3946, 21.2548
YIQ	101.6890, 18.0140, 25.9660

# Conversions

## Conversions Part 2

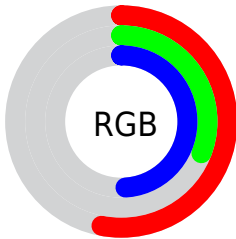
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 80, 126
Decimal	8867966
CIE <sub>Lab</sub>	41.84, 30.34, -16.30
CIE <sub>LCh</sub>	42, 34.440, 331.750
Yxy	12.3946, 0.3307, 0.2465
Android (android.graphics.Color)	4287058046 (0xFF87507E)
YUV	101.6890, 11.9853, 29.2137
Hunter-Lab	35.2059, 22.6874, -11.1508

# Details

The Decimal color **8867966** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5277529**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **12420019**, and **5513549** is the 20% darker color. If you saturate the color by 10%, you get **8864380**, and if you desaturate by 10%, it is **8871552**.

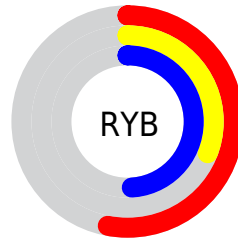
# Distribution



Red (53%)

Green (31%)

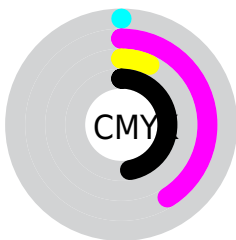
Blue (49%)



Red (53%)

Yellow (31%)

Blue (49%)

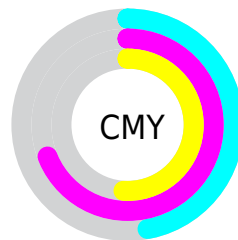


Cyan (0%)

Magenta (41%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8867966 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 8867966 by changing the saturation by 10% instead.



8867966

8867966

16777215

7157861

12420019

5513549

14261710

3868726

16169195

2555937

16766207

5

16773631

0

8867966

8867966

8864380

8871552

8861050

8874882

8857463

8878213

8854133

8881799

8850547

8885129

8847473

8888715

8892301

8895632

8899218

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6773651



8867966



9849698

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8867966



7496232



28800

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8867966



5277529

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29028



8867966



5597745

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8867966



9000753



3108679



28052

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8867966



9981007



3108679



29047



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8867966



11574188



5787783



5852503



14277081



5855577



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8867966



11557538



8867939



4340801



8519789



196610



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8867966



11557538



5277556



4340801



8519789

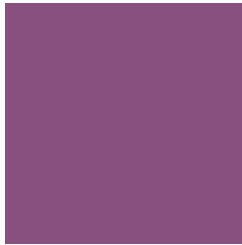


196610



# Previews

## White Background



This preview shows how the Decimal color 8867966 looks on a white background.

## Color Contrast Check

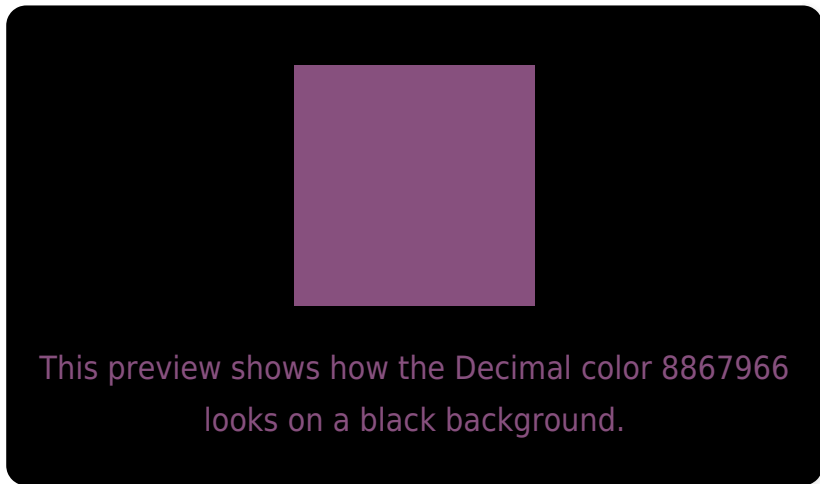
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

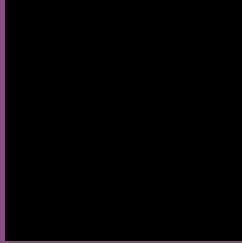
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8867966 Background



This preview shows how black text looks on a background with the Decimal color 8867966.



This preview shows how white text looks on a background with the Decimal color 8867966.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
8607581

# Trichromacy



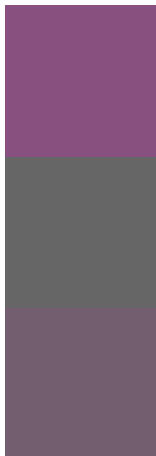
**Original Color**  
8867966

**Protanomaly**  
6839174

**Deuteranomaly**  
7297916

**Tritanomaly**  
8672361

# Monochromacy



**Original Color**  
8867966

**Achromatopsia**  
6710886

**Achromatomaly**  
7495279

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8867966 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #87507E looks like.

```
.text, #text, p{  
    color:#87507E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #87507E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87507E
}
```

## Border

The CSS property to change the border of an element to Decimal 8867966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

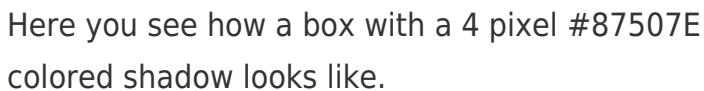
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87507E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#87507E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #87507E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87507E; -webkit-box-shadow:4px 4px  
4px 4px #87507E; box-shadow:4px 4px 4px  
4px #87507E }
```

# Background

The CSS property to change the background color of an element to Decimal 8867966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87507E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#87507E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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